Rec'd PCT/PTO 27 JAN 2005

•	
v.	

١

International Application No.
International Filing Date
Name of receiving Office and "PCT International Application"

REQUEST The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) PA0109WO TITLE OF INVENTION Box No. I GROUND CONTACT LOAD CONTROL APPARATUS FOR A VEHICLE This person is also inventor Box No. II APPLICANT Telephone No. Name and address: (Family name followed by given name; for a legal entity, full official designation. 0565-23-6717 The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) Facsimile No. TOYOTA JIDOSHA KABUSHIKI KAISHA 0565-23-5748 1, Toyota-cho, Toyota-shi, Aichi 471-8571 Japan Teleprinter No. Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: Japan Japan the States indicated in the the United States all designated States except the all designated This person is applicant Supplemental Box of America only United States of America States for the purposes of: FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Box No. III Name and address: (Family name followed by given name; for a legal entity, full official designation. This person is: The address must include postal code and name of country. The country of the address indicated in this applicant only Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) applicant and inventor Toshiyuki KOBAYASHI inventor only (If this check-box c/o TOYOTA JIDOSHA KABUSHIKI KAISHA is marked, do not fill in below.) 1, Toyota-cho Toyota-shi, Aichi, 471-8571 Japan Applicant's registration No. with the Office State (that is, country) of residence: State (that is, country) of nationality: Japan the States indicated in the the United States all designated States except all designated This person is applicant for Supplemental Box of America only the United States of America the purposes of: Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the common representative agent agent applicant(s) before the competent International Authorities as: Telephone No. (Family name followed by given name; for a legal entity, full official Name and address: 052-459-5366 designation. The address must include postal code and name of country.) Sakio OBA Facsimile No. Shinji KATO 052-459-5368 PROSPEC Patent Firm 2nd Floor, NAGOYA-KS Building, 1-18, Taiko 3-chome Teleprinter No. Nakamura-ku, Nagoya-shi, Aichi 453-0801 Japan Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used

instead to indicate a special address to which correspondence should be sent.

Box No. V	DESIGNATION OF STATES	M	ark the	applicable check-boxes below; a	t leas	t one n	nust be marked.
The follow	ing designations are hereby made un	nder F	Rule 4.	9(a):			
Regional	Patent						
⊠ АР	ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment						
⊠ EA	Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State						
⊠ EP	European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of						
⊠ OA	the European Patent Convention and of the PCT						
National I	Patent (if other kind of protection o	r trea	tment	desired, specify on dotted line):			
AE AG AL AM AT AU	United Arab Emirates Antigua and Barbuda Albania	\boxtimes	HR	Croatia Hungary Indonesia Israel India		PG PH PL PT	Oman Papua New Guinea Philippines Poland Portugal
⊠ AU ⊠ AZ ⊠ BA	Australia Azerbaijan Bosnia and Herzegovina		IS JP KE KG	Iceland Japan Kenya Kyrgyzstan		RO RU SC	Romania Russian Federation Seychelles
	Barbados Bulgaria Brazil Belarus Belize Canada		KR KZ LC LK LR	Democratic People's Republic of Korea Republic of Korea Kazakhstan Saint Lucia Sri Lanka Liberia		SD SE SG SK SL SY TJ	Sudan Sweden Singapore Slovakia Sierra Leone Syrian Arab Republic Tajikistan
☐ CN CO	Costa Rica		LS LT LU LV	Lesotho Lithuania Luxembourg Latvia Morocco		TM TN TR TT	Turkmenistan Tunisia Turkey Trinidad and Tobago
=	Czech Republic Germany Denmark Dominica		MG	Republic of Moldova Madagascar The former Yugoslav Republic of Macedonia	[2]	TZ UA UG US	United Republic of Tanzania Ukraine Uganda United States of America
DZ ES	Ecuador Estonia Spain		MW MX	Mongolia Malawi Mexico		UZ VC VN	Uzbekistan Saint Vincent and the Grenadines Viet Nam
GI GI GI GI GI			MZ NI NO NZ	Mozambique Nicaragua Norway New Zealand		YU ZA ZM ZW	
Check-boxes reserved for designating States which have become party to the PCT after issuance of this sheet:							
Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except the designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)							

Box No. VI PRIORITY CLAIM							
The priority of the foll	lowing earlier application	on(s) is hereby claimed:					
Filing date Of earlier application (day/month/year) Number Of earlier application		Where earlier application is:					
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office			
item (1) 07.08.02	2002-230299	JAPAN					
item (2)							
item (3)							
item (4)							
item (5)							
Further priority of	claims are indicated in the	Supplemental Box.					
The receiving Office is (only if the earlier applice) identified above	lication was filed with the	transmit to the Internation Office which for the purp	nal Bureau a certified copy cooses of this international a	of the earlier application(s) application is the receiving			
all items	item (1) item (2)	item (3)	item (4) item (5) other, see Supplemental Box			
*Where the earlier applica Property or one Member o	of the World Trade Organizat	ion for which that earlier app		for the Protection of Industrial (ii)):			
Box No. VII INTERI	NATIONAL SEARCHIN						
international search, indi	nal Searching Authority cate the Authority chosen; the	two-letter code may be used,):	ies are competent to carry out the			
Request to use results o Searching Authority):	f earlier search; reference t	to that search (if an earlier	search has been carried out by	or requested from the International			
Date (day/month/year)	Numbe	er	Country (or regional O	ffice)			
Box No. VIII DECLA	ARATIONS						
The following declaration the right column the number	ns are contained in Boxes Nos ber of each type of declaration	. VIII (i) to (v) (mark the appl	icable check-boxes below and in	dicate in Number of declarations			
Box No. VIII (i)	Declaration as to the	Declaration as to the identify of the inventor :					
Box No. VIII (ii)		Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :					
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application:						
Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America):						
Box No VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:							

Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains: (a) in paper form, the following number of sheets:	This international application is accompanied by the fitem(s) (mark the applicable check-boxes below and in right column the number of each item):	following Number dicate in of items			
request (including declaration sheets) : 4 description (excluding sequence listings and/or tables related thereto) : 41 claims : 3 abstract : 1 drawings : 24 Sub-total number of sheets : 73 sequence listings : tables related thereto : (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below) Total number of sheets : 73 (b) only in computer readable form (Section 801(a)(i)) (i) sequence listings (ii) tables related thereto (c) also in computer readable form (Section 801(a)(ii)) (i) sequence listings (ii) tables related thereto Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the sequence listings (additional copies to be indicated under item 9(ii), in right column)	in left column) additional copies including applicable, the copy for the purposes of international search under Section 802(b-c) (iii) together with relevant statement as to the copy or copies with the tables mentioned	ional art of where dentity tings tional and not tional and not			
Figure of the drawings which	11. other (specify):				
should accompany the abstract: 1 international application: Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).					
For receiving Office use only					
 Date of actual receipt of the purported international application: 		2. Drawings:			
 Corrected date of actual receipt due to later b timely received papers or drawings completing the purported international application: 	ut og	received:			
4. Date of timely receipt of the required not received:					
corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid				
For International Bureau use only					
Date of receipt of the record copy by the International Bureau:					